

020604  
16569 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMISSION**

Our Docket No.: A- 72099/RMA/JML	Date: FEBRUARY 6, 2004
First Named Inventor: CHO	
Title: Reconfigurable analog baseband for a single-chip dual-mode transceiver	
Express Mail No.: EV 442861660 US	

22141 U.S. PTO  
10/773609

020604

**ADDRESS TO:**

**Mail Stop NEW PATENT APPLICATION**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

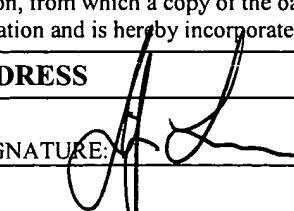
**APPLICATION ELEMENTS**

1. <input checked="" type="checkbox"/> Fee Calculation Sheet (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Applicant claims small entity status	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification Total Pages: 13	a. <input type="checkbox"/> Computer Readable Form (CRF)
<input checked="" type="checkbox"/> Descriptive title of the invention	b. <input type="checkbox"/> Specification Sequence Listing on:
<input checked="" type="checkbox"/> Cross References to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
<input type="checkbox"/> Statement Regarding Fed. Sponsored R&D	ii. <input type="checkbox"/> paper
<input type="checkbox"/> Reference to Microfiche Appendix	c. <input type="checkbox"/> Statement verifying identify of above copies
<input checked="" type="checkbox"/> Background of the Invention	
<input checked="" type="checkbox"/> Brief Summary of the Invention	
<input checked="" type="checkbox"/> Brief Description of the Drawings	
<input type="checkbox"/> Detailed Description	
<input checked="" type="checkbox"/> Claims	
<input checked="" type="checkbox"/> Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) Total Sheets: 3	9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)
5. <input checked="" type="checkbox"/> Oath or Declaration Total Pages: 1	10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
a. <input checked="" type="checkbox"/> Newly Executed (original or copy)	11. <input type="checkbox"/> 37 C.F.R. 3.73(b) Submission
b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)	12. <input type="checkbox"/> Power of Attorney
1. <input type="checkbox"/> <b>DELETION OF INVENTORS</b> Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))	13. <input type="checkbox"/> English Translation Document (if applicable)
6. <input checked="" type="checkbox"/> Application Data Sheet (37.C.F.R. 1.76)	14. <input type="checkbox"/> Information Disclosure Statement (with Copies of Citations as necessary)
19. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP)	15. <input type="checkbox"/> Preliminary Amendment Total Pages:

Claims the benefit of prior Provisional Application No.: 60/445,683 filed February 7, 2003

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

**CORRESPONDENCE ADDRESS**

ATTY NAME	Jennifer M. Lane, Patent Agent, Reg. No. 51,916 for R. Michael Ananian, Reg. No. 35,050		SIGNATURE: 	DATE: FEBRUARY 6, 2004
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187		Customer Number: 32940	
TELEPHONE	(415) 781 1989			
FAX	(415) 398-3249			

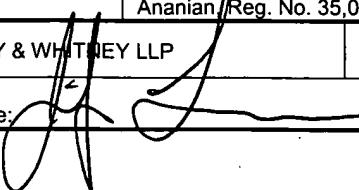
16569  
020604  
U.S. PTO

APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2004)

Complete if Known			
Application No.			Not yet assigned
Filing Date			FEBRUARY 6, 2004
First Named Inventor			Thomas CHO
Group Art Unit			Not yet assigned
Examiner Name			Not yet assigned
Atty. Docket Number			A-72099/RMA/JML

METHOD OF PAYMENT (Check One)			FEE CALCULATION (Continued)																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:            Deposit Account No.: 50-2319            Deposit Account Name: DORSEY &amp; WHITNEY LLP</p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17  <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>			<p><b>3. ADDITIONAL FEES</b></p> <table> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td></td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>40</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>420</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>950</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,480</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>2010</td> <td>1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>770</td> <td>385</td> <td>Submission After Final 1.129</td> <td></td> </tr> <tr> <td>330</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>330</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>290</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1,330</td> <td>665</td> <td>Utility/Reissue Issue Fee (including advance copies)</td> <td></td> </tr> <tr> <td>480</td> <td>240</td> <td>Design Issue Fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>770</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td>300</td> <td>300</td> <td>Publication fee for re-publication</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1,330</td> <td>665</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td colspan="3">OTHER FEE (specify):</td><td colspan="3"></td> </tr> <tr> <td colspan="3" style="text-align: right;">Subtotal (3)</td><td colspan="3"></td> </tr> <tr> <td colspan="5" style="text-align: right;">Total Amount of Payment:</td><td>\$559</td> </tr> </tbody> </table>			Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1,480	740	Extension for reply within fourth month		2010	1005	Extension for reply within fifth month		770	385	Submission After Final 1.129		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,330	665	Utility/Reissue Issue Fee (including advance copies)		480	240	Design Issue Fee (inc. advance copies)		770	385	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,330	665	Petition to Revive - unintentional		OTHER FEE (specify):						Subtotal (3)						Total Amount of Payment:					\$559
Large Entity Fee	Small Entity Fee	Fee Description	Fee paid																																																																																																																				
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																					
130	65	Surcharge - Late nonprovisional filing fee or oath																																																																																																																					
180	180	Submission of IDS																																																																																																																					
40	40	Recording each patent assignment per property (times number of properties)																																																																																																																					
110	55	Extension for reply within first month																																																																																																																					
420	210	Extension for reply within second month																																																																																																																					
950	475	Extension for reply within third month																																																																																																																					
1,480	740	Extension for reply within fourth month																																																																																																																					
2010	1005	Extension for reply within fifth month																																																																																																																					
770	385	Submission After Final 1.129																																																																																																																					
330	165	Notice of Appeal																																																																																																																					
330	165	Filing a brief in support of an appeal																																																																																																																					
290	145	Request for oral hearing																																																																																																																					
110	55	Terminal Disclaimer Fee																																																																																																																					
130	130	Petitions to the Commissioner																																																																																																																					
50	50	Petitions related to provisional applications																																																																																																																					
1,330	665	Utility/Reissue Issue Fee (including advance copies)																																																																																																																					
480	240	Design Issue Fee (inc. advance copies)																																																																																																																					
770	385	Request for Continued Examination (RCE)																																																																																																																					
300	300	Publication fee for early, voluntary, or normal publication																																																																																																																					
300	300	Publication fee for re-publication																																																																																																																					
110	55	Petition to Revive - unavoidable																																																																																																																					
1,330	665	Petition to Revive - unintentional																																																																																																																					
OTHER FEE (specify):																																																																																																																							
Subtotal (3)																																																																																																																							
Total Amount of Payment:					\$559																																																																																																																		
<p><b>*Calculation of Extra Claim Fees</b></p> <table> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>86</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>290</td> <td>145</td> <td>Multiple dependent Claim</td> </tr> <tr> <td>84</td> <td>42</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>18</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>						Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	86	43	Independent claims in excess of 3	290	145	Multiple dependent Claim	84	42	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent																																																																																																
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																																					
18	9	Claims in excess of 20																																																																																																																					
86	43	Independent claims in excess of 3																																																																																																																					
290	145	Multiple dependent Claim																																																																																																																					
84	42	Reissue independent claims over original patent																																																																																																																					
18	9	Reissue claims in excess of 20 and over original patent																																																																																																																					

Submitted by:

Name:	Jennifer M. Lane, Patent Agent, Reg. No. 51,916, for R. Michael Ananian, Reg. No. 35,050	Telephone: 415 781 1989
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	Customer Number 32940
Signature: 		Date: FEBRUARY 6, 2004